

The Project on Collaborative Theoretical & Experimental Studies of QCD (CTEQ)
together with the Institut de Fisica d'Altes Energies (IFAE)
(Universitat Autònoma de Barcelona)
Will organize and conduct

2003 CTEQ/IFAE Summer School on QCD Analysis & Phenomenology

Sant Feliu de Guixols, Catalonia, Spain
MAY 22 - 30

Topics & Lectures

- Introduction to the Parton Model and Perturbative QCD
- Charm and Bottom Quark Production
- QCD Phenomenology & Experimental Reviews of Basic Processes
- Top Quark Production and Decays
- Electron-Positron Annihilation
- Higgs Boson Production
- Deeply Inelastic Scattering
- Physics Beyond the Standard Model
- Drell-Yan Type Processes with Illustration of QCD calculations for Drell-Yan
- Backgrounds to New Physics Signals
- Production and Evolution of High Energy Jets
- Global Determination of Parton Distributions
- Small x and Diffractive Physics
- Special Topics & Techniques
- Neutrino Physics
- Introduction to Event Generators
- Spin Physics
- Direct Photon Production

Program Committee Enrique Fernandez and Members of the CTEQ Collaboration
Organizing Committee Terry L. Grozis and Jorge G. Morfin, Fermilab | Enrique Fernandez, IFAE - U. Autònoma de Barcelona | Fernando Barreiro, U. Autònoma de Madrid | Steve Kuhlmann, Argonne National Lab. | Davison Soper, U. of Oregon

To apply for the school please refer to the application procedures found at the Summer School web site:
<http://www.phys.psu.edu/~cteq/schools/summer03/>
or contact Terry Grozis (TGROZIS@FNAL.GOV)

The entire application package must be received by *** April 1, 2003 ***. Please note that enrollment will be limited to 80 participants.
A registration fee of 475 Euros (double occupancy) covers the participant's portion of lodging and meal costs on all class days.

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